



09/544,390

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Todd M. Hess, et al.

Ser. No. 09/544,390 Group Art Unit: 2123

Filed: April 6, 2000 Examiner: Kandasamy Thangavelu

Assignee: ABB Automation Inc. et al.

For: System And Methodology For Adaptive, Linear Model Predictive Control Based On Rigorous, Nonlinear Process Model

Docket No. E005640 Cleveland, Ohio 44092

AMENDMENT UNDER RULE 111

**RECEIVED**

JUN 03 2004

Hon. Commissioner  
For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Technology Center 2100

Dear Sir:

In response to the Examiner's Action (Part of Paper No./Mail Date 5) dated March 4, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 8 of this paper.

**Remarks/Arguments** begin on page 19 of this paper.

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AMENDMENT UNDER RULE 111 TRANSMITTAL

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

JUN 03 2004

Technology Center 2100

Dear Sir :

Transmitted herewith is an amendment requiring a fee as described and determined below for this application.

1. Claims Added And Canceled By This Amendment

	Number Before The Entry Of This Amendment	Number Canceled By This Amendment	Number Added By This Amendment	Total Number of Claims After Entry of This Amendment
Total Claims	13	7	4	10
Independent Claims	8	2	4	10

CERTIFICATE OF MAILING APPEARS ON THE NEXT PAGE



Attorney Docket No. E005640

PATENT APPLICATION

2. Fee Payment:

Please charge the sum of \$172.00 and any additional fees which may be required or credit any refunds due applicant to Deposit Account No. 05-0877. A duplicate copy of this Amendment Transmittal is enclosed.

Date: 5/24/04

Michael M. Rickin  
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Legal Department – 4U6  
29801 Euclid Avenue  
Wickliffe, OH 44092-2530  
(440) 585-7840

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JUN 03 2004

Technology Center 2100

CERTIFICATE OF MAILING

I hereby certify that this document and all attachments were deposited as first class mail with the United States Postal Service in an envelope addressed to **MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450** on the 24th day of May, 2004.

Debra A. Rietze

Printed Name of Person Mailing Document

Signature of Person Mailing Document